Delay in execution of power projects by BHEL

273. SHRI B.K. HARIPRASAD: Will the Minister of POWER be pleased to state:

(a) whether Government has observed that BHEL, assigned with commissioning of units with 3300 mw generation capacity in the second quarter of the current fiscal, has been able to add only 710 mw thus lagging behind;

(b) if so, whether BHEL has attributed the delay in execution of its projects on poor infrastructure at sites and delays in supply of components by venders;

(c) whether BHEL has also observed that contractors are preferring to work on projects implemented by private companies; and

(d) if so, the Government's comments thereon?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) During the 2nd quarter of 2008-09, a commissioning target of 1585 MW was assigned to BHEL. Against this target, BHEL achieved the commissioning of 750 MW.

(b) The Department of Heavy Industry has attributed shortfall in meeting targets to-

(i) Limited number and capability of construction contractors in the country;

(ii) Delay in supplies by vendors of Balance of Plant (BOP) like coal and ash handling systems, water treatment plants, cooling water systems, air conditioning and ventilation systems, fire protection systems, cooling towers, construction equipment, civil works and services etc.

(iii) In some cases inputs from customers also delayed.

(c) No, Sir.

(d) Does not arise.

Hydro-electric power generation

274. SHRI B.K. HARIPRASAD: Will the Minister of POWER be pleased to state:

(a) whether out of an overall installed power generation capacity of 1,45,000 mw, the share of hydel power is a mere 36,000 mw;

(b) what is the status of Government's efforts to tap the balance hydel potential;

(c) whether Government has proposed imposing restrictions on foreign nationals engaged in hydel projects in border areas, through surveillance on their movements; and

(d) whether Government would also restrict the number of visas for foreign nationals, seeking to work on hydel projects in border areas?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) Yes, Sir. As on 30.09.2008, the total installed capacity in the country is 1,44,554.97 MW and the

share of hydro power accounts for 36347.76 MW (24.97%), excluding Small Hydro (*i.e.* projects upto capacity of 25 MW).

(b) The Government has taken several initiatives to tap the balance hydel potential. As a result, 41 Hydro electric schemes (above 25 MW) with an aggregate installed capacity of 13,385 MW are presently under construction. Further, another 19 Hydroelectric Schemes with an aggregate installed capacity of 8,923 MW having obtained concurrence of CEA will be taken up for construction. The pace of development of hydro power projects also depends on the proactive stance of the host State.

(c) and (d) No, Sir. No such restrictions have yet been imposed. However, to address the concerns of the security agencies guidelines are being framed for security clearance of foreign companies before they take up the development and contracts for hydroelectric projects located in sensitive areas. The exact nature of restrictions including visa restrictions has not yet been decided.

Power projects and demand

275. SHRI AMIR ALAM KHAN: Will the Minister of POWER be pleased to state:

(a) the number of hydro, thermal and nuclear power plants functioning in the country;

(b) the total power being generated from these power plants, as on date, State-wise;

(c) the estimated demand of power from agriculture, industrial and domestic sectors, as on date, State-wise;

(d) whether the bulk of power, so generated, is being stolen unchecked; and

(e) the plans formulated or being implemented by the Government to check the menace and unearth such cases of power thefts, region-wise and State-wise?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) There are 425 power stations in country comprising 176 thermal, 243 hydro and 6 nuclear stations for which generation is monitored in CEA.

(b) Details indicating State-wise total power generated from these stations during the year 2008-09 (April' 08 to September' 08) are given in the Annexure. [*See* Appendix 214th Annexure No. 4].

(c) As per the 17th Electric Power Survey Report, the estimated forecast for electricity consumption in Agriculture, Industrial and Domestic Sectors for the year 2008-09 is given as Statement (*See* below).

(d) and (e) The draft report on Performance of State Power Utilities for the years 2004-05 to 2006-07 prepared by the Power Finance Corporation indicates that the Aggregate Technical and Commercial (AT and C) Loss of the State Power Utilities at the national level for 2004-05, 2005-06 and 2006-07 was 34.33%, 34.54% and 32.07% respectively of the total energy available for sale.